

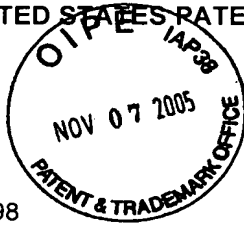
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of  
Jean-Luc Imler et al.

Application No.: 09/218,143

Filing Date: December 22, 1998

Title: DEFECTIVE ADENOVIRUSES AND CORRESPONDING COMPLEMENTATION LINES



Group Art Unit: 1633

Examiner: SCOTT DAVID PRIEBE

Confirmation No.: 3481

FIFTH  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a FIFTH Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☐ No additional fee for submission of an IDS is required.
- ☒ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☒ A check in the amount of \$ 180.00 is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL PC

By

Christopher L. North, Ph.D.  
Registration No. 50,433

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

Date: November 7, 2005

Jean-Luc Imler et al.

Application No.: 09/218,148

Filed: December 22, 1998

For: DEFECTIVE ADENOVIRUSES AND  
CORRESPONDING  
COMPLEMENTATION LINES

Group Art Unit: 1633

Examiner: SCOTT DAVID PRIEBE

Confirmation No.: 3481

## **FIFTH INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

## U.S. Patent Documents

1. PERRICAUDET et al., U.S. Patent No. 6,099,831, issued on August 8, 2000.

## Foreign Patent Documents

1. International Publication No. WO 93/19191, published on September 30, 1993  
(Verified English Translation).

### Non-Patent Literature Documents

1. CARTER et al., "Adenovirus Containing a Deletion of the Early Region 2A Gene Allows Growth of Adeno-Associated Virus with Decreased Efficiency," Virology, 1992, vol. 191, pp. 473-476, American Society for Microbiology, Washington, D.C.

2. SUSSENBACH, editor, The Adenoviruses, "The Structure of the Genome,"  
Chapter 3, Plenum Press, 1984, pp. 35-124, New York, New York.

**Buchanan Ingersoll PC**  
ATTORNEYS  
Including attorneys from Burns Doane Swecker & Mathis

(8/05)

A fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is enclosed.

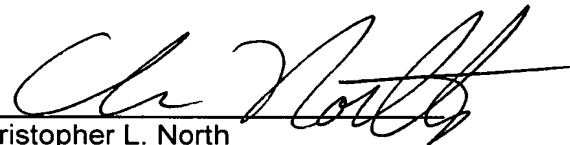
To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date November 7, 2005

By:



Christopher L. North  
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NOV 07 2005

Complete if Known

# FIFTH INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Application Number 09/218,143  
 Filing Date December 22, 1998  
 First Named Inventor Jean-Luc Imler et al.  
 Examiner Name SCOTT DAVID PRIEBE  
 Attorney Docket Number 032751-016

Sheet 1 of 1

## U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	6,099,831	A	Perricaudet et al.	08-08-2000

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
	93/19191		International	09-30-1993	X						

## NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	CARTER et al., "Adenovirus Containing a Deletion of the Early Region 2A Gene Allows Growth of Adeno-Associated Virus with Decreased Efficiency," <u>Virology</u> , 1992, vol. 191, pp. 473-476, American Society for Microbiology, Washington, D.C.
	SUSSENBACH, editor, <u>The Adenoviruses</u> , "The Structure of the Genome," Chapter 3, Plenum Press, 1984, pp. 35-124, New York, New York.

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.